

GHEORGHIU, N.

"Public inspector for labor protection in the trade-
union group." Reviewed by N. Gheorghiu. Munca sindic
7 no.12:65 D '63.

GHEORGHIU, N.

"Rapid pace, quality work, and low cost price in constructing" by Dorin Constantinescu. Reviewed by N.Gheorghiu. Munca sindic 7 no.12:64 D '63.

GHEORGHIU, N.

"At the Birlad Bearing Plant Club" by Al. N. Tinescu.

Reviewed by N. Gheorghiu. Munca sindic 7 no.12:65 D '63.

BOLEANTU, L.; GEZORGET, B.; FISHER, R.

Experimental study on the stability of removable tower cranes.
Studii tehn Timisoara 10 no.1:175-183 Jan-Feb '68.

GHEORGHIU, N., conf. ing.

Results obtained by the exploitation of networks with two conductors-ground in Rumania (DCP) after eight years of operation and prospects of their development. Energetica Rum 11 no.8:401-416 Ag '63.

1. Adjunct al ministrului Minelor si Energiei Electrice.

HOROVITZ E.; GHEORGHIU, N.

Contributions to measuring the tension of assembling trapezoidal belts. Bul St si Tehn Tim 9 no.1:103-109 Jan-Je '64.

1. Submitted April 24, 1964.

DELORENZO, H.L. PALMER, I.

On the testing systems of transmissions by friction with a flexible
element, Fil. It. di Tehn. 9 no. 2: 399-407, 21-8-1964.

GHEORGHIU, N., ing.

Impressive achievements meet the 20th anniversary of the
liberation of Rumania. Energetica Rum 12 no. 8:349-351 Ag '64.

1. Deputy Minister of the Ministry of Mines and Electric Power.

GHEORGHIU, Nicolae, conf. ing.

Development of power industry in Rumania. Electrotehnica 10
no.6:198-205 Je '62.

1. Adjunct al Ministrului Minelor si Energiei Electrice.

16.3400

2654
S/044/62/000/002/021/092
C111/0333

AUTHOR: Shevchuk, N.
TITLES: On the asymptotic behavior of solutions of ordinary linear differential equations of second order
PERIODICAL: Referativnyi zhurnal, Matematika, no. 2, 1962, 45, abstract 28202. ("An. ştiinţ. Univ. Iaşi", 1961, Sec. 1, 7, no. 1, 77-84)
TEXT: The equation $u'' + a(x)u' + b(x)u = 0$ is considered. It is assumed that $b(x) \geq 0$ and that there exists a function $\varphi_1(x)$ satisfying the conditions $\varphi_1(x) \leq 0$ and $\varphi_1' + \varphi_1^2 + a(x)\varphi_1 + b(x) \leq 0$ where $b(x)$ and $\varphi_1(x)$ are $\neq 0$ on no interval. It is proved that there exists a fundamental system consisting of two decreasing positive solutions. Conditions are given that all solutions tend to zero for $x \rightarrow +\infty$. Some further analogous questions are considered. Moreover, the author transfers some results to inhomogeneous equations. In the bibliography the author mentions the book of Bellman "Stability theory of solutions of differential equations" (RZh Mat, 1956, 5259), the paper of Opial

Card 1/2

On the asymptotic behavior of . . . S/044/62/000/002/021/092
0111/0333
(R2H Mat, 1956, 8808) and the paper of the reviewer (R2H Mat, 1960,
2955).
[Abstractor's note: Complete translation.]

Card 2/2

GHEORGHIU, N.

The quality of dwelling constructions on the level of grand tasks.
Munca sindic 6 no.10:11-14 0 '62.

GHEORGHIU, N.

Carrying out the proposals of a Rumanian collective. Munca sindic
6 no.11:20-21 N '62.

GHEORGHIU, Nicolae, conf. ing.

Achievements and tasks in lighting technique. Energetica Rum 11
no.4:141 Ap '63.

1. Adjunct al ministrului Minelor si Energiei Electrice.

GHEORGHIU, N.

On the solutions of ordinary differential equations of the second order. Studii mat Iasi 14 no.1:17-21 '63.

EXCERPTA MEDICA Sec 10 Vol 10/9 Obstetrics Sept 57

1616. GHEORGHIU N. N., ROSENTHAL Z., GĂBREANU C., RODAN O., SĂVEA-
NU J., ŞALER S., BARBU M. and ROMAN I. *Studiul scurtării duratei tra-
valliului prin infiltrații intradermice. (Aplicarea reflexoterapiei în dirijarea
travaliului). The shortening of labour by intradermal infil-
tration with novocaine OBSTET. GINEC. (Bucarest) 1956, 4/3 (209-
220) Graphs 2 Tables 4

Intradermal infiltration with novocaine 3% (10 ml. in the suprasymphyseal region,
creating 5-6 wheels and 10 ml. in the sacrolumbar region) was given to 348 women
in labour. A 2nd group of 100 cases received 1 ml. of atropine 1% and in a group
of 95 cases, novocaine combined with atropine was used. The intradermal infiltra-
tion was applied when the dilatation had progressed to 3 fingers and the membranes
were intact. In this way labour is manifestly shortened by relaxation of the uterine
orifice and by regulation of the contractions. The method has moderate analgetic
results. The intradermal infiltration is a good treatment in cases of cervical dys-
tocia and for the prevention of contractile disorders, especially in cases of early
or premature rupture of the membranes. The infiltrations may be repeated 2-3
times; they constitute an excellent adjuvant of the psycho-prophylactic method.

Coja - Cluj

GHEORGHIU, N.N., assist. prof. ; NICOLIESCU, C.

Osseous transformation of the endometrium. *Rumanian M. Rev.*
3: no. 4: 77-80 Q-D '59.

(ENDOMETRIUM, diseases)
(OSSIFICATION)

GHEORGHIU, C.

Annual Scientific Session of the Agrarian Economy Section of the
Central Institute of Agricultural Research. Probleme econ 18 no.4:
159-161 Ap '65.

h0810

R/005/62/000/004/002/002
D015/D105

24.0200

AUTHOR: Gheorghiu, O. C., Engineer

TITLE: A device for measuring permeability under low frequency conditions

PERIODICAL: Telecommunicatii, no. 4, 1962, 171 - 173

TEXT: The author demonstrates the possibility of determining the permeability of ferrite insulating magnetic materials, without coiling a toroidal field-measuring specimen, by introducing it into a coaxial non-resonant cavity, shown in Fig 1, in which D_1 , D_2 and S_1 , and D_3 , D_4 and S_2 are the dimensions of the cavity and those of the specimen, respectively. By connecting a generator to the points A and B, current flows through the walls of the cavity. Between A and B, the cavity produces the resistance R_c and inductance L_c . The impedance can be measured by a Siemens-built Maxwell bridge connected to the cavity through A and B. The cavity impedance changes when the specimen is introduced into the cavity. The contribution of the space occupied by the specimen to the value of the cavity inductance is

$$L_{mo} = 4.6 \times 10^{-7} S_2 \log \frac{D_3}{D_4} \quad (4a)$$

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A device for measuring permeability

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D015/D105

The permeability of a magnetic material may then be determined as follows: first, R_c and L_c are measured by a bridge, then the specimen is introduced into the cavity and R_{cm} and L_{cm} are measured; L_{mo} is calculated by the relation (4a), and finally the permeability by the relations

$$\mu' \simeq \frac{L_{cm} - L_c}{L_{mo}} \quad (\text{since } \mu' \gg 1) \quad (13)$$

and

$$\mu'' = \frac{R_{cm} - R_c}{\omega L_{mo}} \quad (14)$$

The cavity inductance L_c is constant within broad frequency limits. This method can be used up to a frequency at which the inductance starts to vary, since the initially assumed current distribution changes at over 50 Mc. In some cases the inductance bridges permit a compensation of the inductance and the losses

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A device for measuring permeability

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D015/D105

appearing between the terminals and the inductance to be measured. In such cases R_c and L_c can be omitted and the permeability calculated by:

$$\mu' = \frac{L_{cm}}{L_{m0}} \quad (13a)$$

and

$$\mu'' = \frac{R'_{cm}}{\omega L_{m0}} \quad (14a)$$

The results obtained were tested by practical experiments, which supplied a good correspondence between the magnetic loss values, μ'' , determined by the cavity method and by the toroidal coil method. The advantage of the cavity method is that coiling of the specimen is not required any more. Very low magnetic loss values, μ'' could not be determined by the bridge on hand. However, in case of a bridge capable of responding to this requirement, the results obtained are generally more accurate than the results obtained by a coiled toroid,

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A device for measuring permeability

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D015/D105

since current distribution in the cavity walls is not affected by the presence of the specimen, whereas loss in the cavity walls is lower than the loss in the specimen. There are 2 figures. The English-language reference reads as follows: D. Polder, Proc. I.R.E., 97, 11, nr. 56, 1950, 246 - 250.

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30585
R/005/60/000/002/001/002
D272/D301

9,1700 (#27)

AUTHOR: Spătaru, Alexandru, Professor, Engineer, Niculescu, Ion, Engineer and Gheorghiu, Octav, Engineer

TITLE: Directive panel antennae

PERIODICAL: Telecomunicații, no. 2, 1960, 51-58

TEXT: The general characteristics of directive panel antennae for radio diffusion on metric waves, radio relays, and radio-astronomy are surveyed, as an introduction to the presentation of the technical details of two directive panel antennae - one operating at 200 Mc/s and used as a television radio relay, and the other operating at 53 Mc/s and used as an emission antenna of a television station - designed by the Laborator central de cercetări de telecomunicații (Central Laboratory of Telecommunication Research). First the fundamental parameters of directive panel antennae - the radiation characteristics, the dipole enter impedance, and the mode of dipole feeding - are analyzed in detail on the basis of theoretical

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Directive panel antennae

cal considerations. The 200 Mc/s antenna was designed to comprise two dipoles, in which the distance between the elements can be varied easily, the fixed dimensions being the length $l_R = 520$ mm, the diameter d of the radiators, and the length c of the reflecting rods. The dipole impedance variation with frequency was determined for different distances between the construction elements, later, on the basis of the results obtained, another antenna was constructed with equal l_R , d , and c , and in which only the distance between the radiators and the reflecting plane can be varied. The curve of dipole impedance variation as function of the frequency indicated that the feeding-symmetrization system can be adapted by simple interpolation between the dipoles and the point of coaxial cable connection of two lines with a characteristic transformer impedance between 240 and 140 ohm. The transformer impedance is determined by a geometrical method which is described, and results in the value 210 ohm. The length of the transformer was determined by means of the Smith diagram to yield 244 mm. Further details are reported on the feeding system which presents three advantages - it offers a

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D272/D301

Directive panel antennae

corresponding adaptation on a large frequency band, it permits easy modification of the nominal impedance and permits good mechanical consolidation of the radiators. The antenna is dismountable and its total weight is 45 kg, measurement performed on it indicating a gain of approximately 7 db. The 53 Mc/s antenna was based on the design of the 200 Mc/s antenna, the dimensions of the construction elements being determined through multiplication by the factor 3.58. The derivation of the various parameters was made by assuming the same dipole-center impedance and constructing the corresponding Smith diagram. Measurements have shown that the transformer impedance is 72 ohm, and it was found that the transformer can be introduced into the interior of one of the symmetrical line conductors. The antenna consists of a rectangular steel frame which supports both the reflecting rods and the radiators with the respective stems; this antenna too is dismountable. The experiments performed while realizing these two antenna led to several conclusions: The radiation characteristics and the center impedance are practically constant within a large interval of frequency variation. The mech-

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R/005/60/000/002/001/002

D272/0301

Directive panel antenna

anical construction is relatively simple due to the absence of supporting insulators. Several constructive elements were found to affect strongly the impedance-frequency characteristic of the antenna, of which some, concerned with the feeding system, cannot be taken into accurate account during design; the mode of connecting the dipoles with the feed line is of special importance in this connection. It was found desirable to design the feeding and synchronization systems with easily adjustable or replaceable elements - thus there is no need to know the exact dipole impedance, and the antenna impedance is determined experimentally by means of a line of measurement, calculating the element which is to be reduced or added for improving the adaptation. In this manner the impedance presented by the antenna can be easily modified from 60 ohms to 50 or 70 ohms. There are 14 figures and 7 references: 2 Soviet-bloc and 5 non-Soviet-bloc.

Card 1/1

GHEORGHIU, Octav G.

Study of a Hertzian spectrograph with a single tuned circuit. Studii
cerc fiz 12 no.2:393-426 '61.

1. Institutul de fizica Bucuresti.

(Radio waves) (Spectrograph)

GHEORGHIU, Octav C.

Possibility of determining magnetic permeability at low frequencies with a nonresonant cavity. Studii cerc fiz 13 no.4:639-649 '62.

1. Institutul de fizica, Bucuresti.

GHEORGHIU, Octav, C.; RO-4/NU, Em: 1.

Study of changing the resonance frequency and the factor of quality due to the introduction of a perturbatory element in a coaxial cavity. Studii cerc fiz 14 n.4:389-410 '63.

1. Institutul de fizica Bucuresti.

GHEORGHIU, Octavian Em.

Georgiu, Octavian Em. Extensions de la monogénéité
sur une classe de fonctions. Com. Acad. R. P. Roumâne
2 (1952), 478-479. (Romanian. Russian and French
summaries)

I-P/1

If $f(z)$, $g(z)$ are complex functions of $z=x+iy$, then f is
said to have a second-order derivative with respect to g
provided that the expression

$$\frac{\Delta^2 f}{(\Delta g)^2} = \frac{f(x+2\Delta x + i(y+2\Delta y)) - 2f(x+\Delta x + i(y+\Delta y)) + f(x, y)}{[g(x+2\Delta x + i(y+2\Delta y)) - g(x, y)]^2}$$

has a limit as $\Delta z \rightarrow 0$; it is shown that a necessary and

sufficient condition for this is that $\partial f/\partial x$ and $\partial f/\partial y$ be
homogeneous functions of g in the sense of Fedorov [C.R.
(Dokl.) Acad. Sci. URSS (N.S.) 48 (1945), 389-390; MR
8, 25]. The derivative of order n , as limit of $\Delta^n f/(\Delta g)^n$, also
is discussed, as are the areolar derivative of f with respect
to g , as limit of $\int_0^1 \int_0^1 f(z) dg(z) / \int_0^1 \int_0^1 dx dy$; mixed derivatives,
as limits of expressions $\Delta^n f(z, z') / [dg(z) dg'(z')]$; etc.

E. F. Beckenbach (Los Angeles, Calif.).

12/11

On a Special Class of Linear Partial Differential Equations of the Third Order in Three Variables

7149: Gheorghiu, O. E. Une classe particulière d'équations linéaires aux dérivées partielles de 3^e ordre, à trois variables indépendantes. Acad. R. P. Roum. Baza Cerc. Sti. Timisoara. Stud. Cerc. Sti. 3 (1956), no. 1-2, 17-27. (Romanian. Russian and French summaries)

The independent variables are interpreted as the polar coordinates r, θ, φ in S_3 and the coefficients are assumed to be entire series in r^2 . Using a method given by N. Gioranescu the author investigates the conditions for the existence of a particular solution of a certain form of the given equation.

R. Blum (Saskatoon, Sask.)

Geometrical Objects of the Fractionary Law

7291:

Gheorghiu, O. Em. *Objets géométriques de loi fractionnaire.* Acad. R. P. Romîne. Baza Cerc. Şti. Timişoara. Stud. Cerc. Şti. 3 (1956), no. 3-4, 9-13. (Romanian. Russian and French summaries)

The author considers in X_n a geometrical object $\Omega_k(x^1, x^2, \dots, x^n)$ ($k=1, 2, \dots, N$), which transforms under an allowable change of coordinates $\bar{x}^\alpha = \bar{x}^\alpha(x^1, x^2, \dots, x^n)$ ($\alpha=1, 2, \dots, n$), according to the 'fractionary' law

$$\bar{\Omega}_k(\bar{x}^\alpha) = \frac{\sum_{j=1}^n A_{j+k-1} \Omega_j(x^\alpha) + A_{N+k-1}}{\sum_{j=1}^n A_{j+1} \Omega_j(x^\alpha) + A_1} \quad (k=1, 2, \dots, N),$$

where the indices are taken modulo $N+1$ and the A 's are functions of the $\partial \bar{x}^\alpha / \partial x^i = p_i^\alpha$. He determines in this case the A 's, which turn out to be functions of $p = \det p_i^\alpha$ and depend in addition upon $N+2$ arbitrary constants.

R. Blum (Saskatoon, Sask.)

2
1-FW

ROMANIA/Radio Physics^{ics} - Radioactive Measurements

I-7

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 4029

Author : Gheorghiu Octav

Inst :

Title : Symmetrical Measurement Line for Frequencies on the Order
of 200 Mcs.

Orig Pub : Telecomunicatii, 1958, 2, No 1, 22-26

Abstract : Description of the construction and operating characteristics
of the coaxial measuring line in the range of approximately
200 Mcs.

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80

GHEDORGHIU, O.; MIOC, 7.

A system of functional equations. p. 755.

COMUNICARILE. Bucuresti, Rumania, Vol. 8, no. 8, Aug. 1958.

Monthly List of European Accessions (MEAL) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

CHERNOCHIN, G.

On the theory of two-component special geometric objects. In Russian. p. 77

REVUE DE MATHÉMATIQUES PURES ET APPLIQUÉES. JOURNAL OF PURE AND APPLIED
MATHEMATICS. Bucaresti, Rumania. Vol. 4, n. 1, 1959.

Monthly List of East European Accessions. (FEAS), LC. Vol. 4, no. 9, ^{Sept.} 1959.
Uncl.

GHEORGHIU, Octavian Em. (Timisoara)

On class of functional equation systems. Bull math Rum
4 no.3/4:139-145'60.

~~GEORGIU, Octavian~~ [Gheorghiu, Octavian Em.]

Geometric objects of the 2d class with regard to the nonholonomic projective group. Rev math pures 6 no.1:65-68 '61.

(EEAI 10:9)

1. Kafedra matematiki Timishoarskogo politekhnicheskogo instituta.

(Geometry) (Mechanics, Analytic) (Groups, Theory of)
(Vector analysis) (Transformations(Mathematics))

SUCULEA, GIVAN MARIN

Country: Rumania

Academic Degree: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 7, 1961, pp 785-789.

Date: "A Matrix Generalization of a Functional Equation Which Contains
as Particular Case D'Alembert-Poisson's Functional Equation."

Authors:

GHISESCU, Octavian.

MIOS, Vasile.

CRSTICI, Boris.

GPO 981643

GHEORGHIU, Gheorghe Pet.

SURNAME, Given Name

Country: Romania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 7, 1961, pp 791-92.

Data: "Concerning a Matrix Equation."

GPO 981643

GHEORGHIU, Octavian Em.

A matrix equation of the D'Alembert type functional equation.
Bul St si Tehn Tim 7:9-11 '62.

GHEORGHIU, Octavian Em.

On a system of functional equations. Comunicarile AR 13 no.7:
589-593 J1 '63.

1. Comunicare prezentata de academician M. Nicolescu.

Country : RUMANIA

M

Category: Cultivated Plants. Commercial. Oil-Bearing.
Sugar-Bearing

Abs Jour: RZhDiol., No 11, 1958, No 49063

Author : Olteanu, G.; Gheorghiu, P.

Inst : Inst of Food Research

Title : The Seed Production of Sugar Beets When Sowing in the
Summer to Fall Period.

Orig Pub: Probl. agric., 1957, 9, No 8, 65-72

Abstract: It has been found as a result of experiments,
carried out by the Institute of Food Research in
various parts of the Bucharest county (1952-1956),
that the harvest of sugar beet seeds and their bio-
logical quality is higher in the case of summer
sowing. Sowing was made in the beginning of August

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Country : BULGARIA
Category: Cultivated Plants Commercial. Oil-Bearing.
Sugar-Bearing.

M

His Jour: Bulbiol., No 11, 1956, No 49062

distances of 50 cm between the rows and a row space of 18-20 cm. The lowest harvest was obtained with a distance of 70 cm between the rows and of 18-20 cm within the rows. An increase in the inside widths and between the rows produced a higher weight in the single roots, however, the gross yield per hectare decreases. It is necessary to increase the space between the rows to 55-60 cm to assure a correct watering by making furrows of the right size. Strip planting provides the highest sugar beet root yields. -- A.M. Shirmov

Card : 2/2

GEORGIU, P. [Gheorghiu, P.]; DOBRESCU, D. [Dobrescu, D.]

Effect of pantothenic acid and a mixture of globulins and histamine in experimental gastric ulcer. Farm. i toks. 26 no.2:225-227 Mr-Apr '63. (MIRA 17:8)

1. Farmakologicheskaya laboratoriya Bukharestskogo mediko-farmatsevticheskogo instituta (dir. - prof. A. Teytel').

EXCERPTA MEDICA Sec.2 Vol.10/7 Phy.Biochem. July 57

3013. GHEORGHIU P. and STROESCU V. Lab. de Farmacol., I.M.F., Bucu-
rest. Asupra mecanismului transmiterii unei de excitatie la nivelul sinapselor
neuro-efectorii simpatice *Mechanism of transmission of the excitation wave in
the sympathetic neuroeffector synapses* Rev. Fiziol. norm. patol. 1956, 3/4
(467—471) Illus. 2

There is a difference between the hypertension induced by injection of adren-
aline (I) or noradrenaline (II) and that induced by electrical stimulation of
the sympathetic: the former fails to appear in animals receiving an infusion of
potassium permanganate solution, whereas the latter is unaffected by such an
infusion. Possible theoretical explanations for this dissociation of the
sympathetic stimulation and hormonal mechanisms are as follows: (1) The
sympathetic chemical mediator is not a mixture of I and II; (2) sympathetic
stimulation of the effectors is produced by a different, non-chemical, me-
chanism; (3) the rate of oxidation of I and II by permanganate is slower
than the rate of action of these amines when elaborated at the sympathetic
terminals; (4) permanganate is unable to enter the tissues in the form of an
oxidizing agent.

Graur — Bucharest

GHORGHIU, P., Dr.; STROESCU, V., dr.

Anti-fibrillation substances. Med. int., Bucur. 3 no.7:937-943
Nov 56.

1. Lucrare efectuata la Catedra de farmacologie, Fac. de
medicina-Bucuresti.

(CHINCHONA ALKALOIDS, ther. use
auric. & ventric. fibrillation)

(DIGITALIS, ther. use
(SAME)

(PROCAINE, ther. use
(SAME)

(SPARTEINE, ther. use
(SAME)

(AURICULAR FIBRILLATION, ther.
chinchona alkaloids, digitalis, procaine & sparteine)

(VENTRICULAR FIBRILLATION, ther.
(SAME)

REVISTA MEDICA Sec.2 Vol.10/11 Phy.Biochem. Nov 57
GHEORGHIU P.

4946. GHEORGHIU P., STROESCU V. and MANUCHIAN M. Lab. de Farmacol.,
Fac. de Med., Bucuresti. Contributia studiului actiunii antifibrilante a
procainei. Antifibrillating action of procaine REV.FIZIOL.NORM.
PATOL. 1957, 4/1 (46-54) illus. 4

Extra-systoles, flutter and fibrillation were produced by application of electrodes
to the atria of the rabbit heart, isolated or in situ, and treated by injection of pro-
caine into the jugular vein. On the heart in situ, procaine did not modify the excitab-
ility of the atria but greatly raised the excitation threshold of the ventricles, ir-
respective of whether the electrodes were applied to the atrium or the ventricle. On
the isolated heart, procaine showed an antifibrillatory action on both atrium and
ventricle. It thus appears that the functional power of the sympathetic is greater for

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CONT.

the atria than for the ventricles, as the inefficacy of procaine in atrial fibrillation must be attributed to adrenaline liberated at the sympathetic terminals.

RUMANIA/ Pharmacology and Toxicology--Narcotics

V-1

Abs Jour: Ref Zhur-Biol., No 23, 1958, 107214

Author : Gheorghiu, P., Stroescu, V.

Inst : Not given

Title : On the Ganglionic Blocking Action of Barbamyl

Orig Pub: Fiziol. norm. si patol., 1958, 5, No 2, 133-138

Abstract: Barbamyl introduced intravenously to dogs in a dosage of 10 to 30 milligrams per kilogram (sub-narcotic dose) paralyzes the sympathetic and parasympathetic ganglia. Ganglionic blocking action was studied according to the Perry and Wilson method. --Author's summary.

Card 1/1

CHENGBH 11, 7.

1. "Problems of Pharmacy at the Fifth International Conference of Biopharmaceuticals, Moscow 10-16 August 1961," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 129-136.
2. "Contributions to the Manufacturing and Utilization of Chemicals in Our Country," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 137-140.
3. "New Chemicals for Industrial and Standard Pharmaceutical," Prof. G. Ionescu, Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 141-144.
4. "Chemical Industry in the Republic of Romania," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 145-148.
5. "Chemical Industry in the Republic of Romania," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 149-152.
6. "Chemical Industry in the Republic of Romania," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 153-156.
7. "Chemical Industry in the Republic of Romania," Farmaceutica, Bucharest, No. 1, No. 3, Mar 1962, pp. 157-160.

VI

GEORGINA, D.

- [illegible]

SECRET [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

SECRET [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

SECRET [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

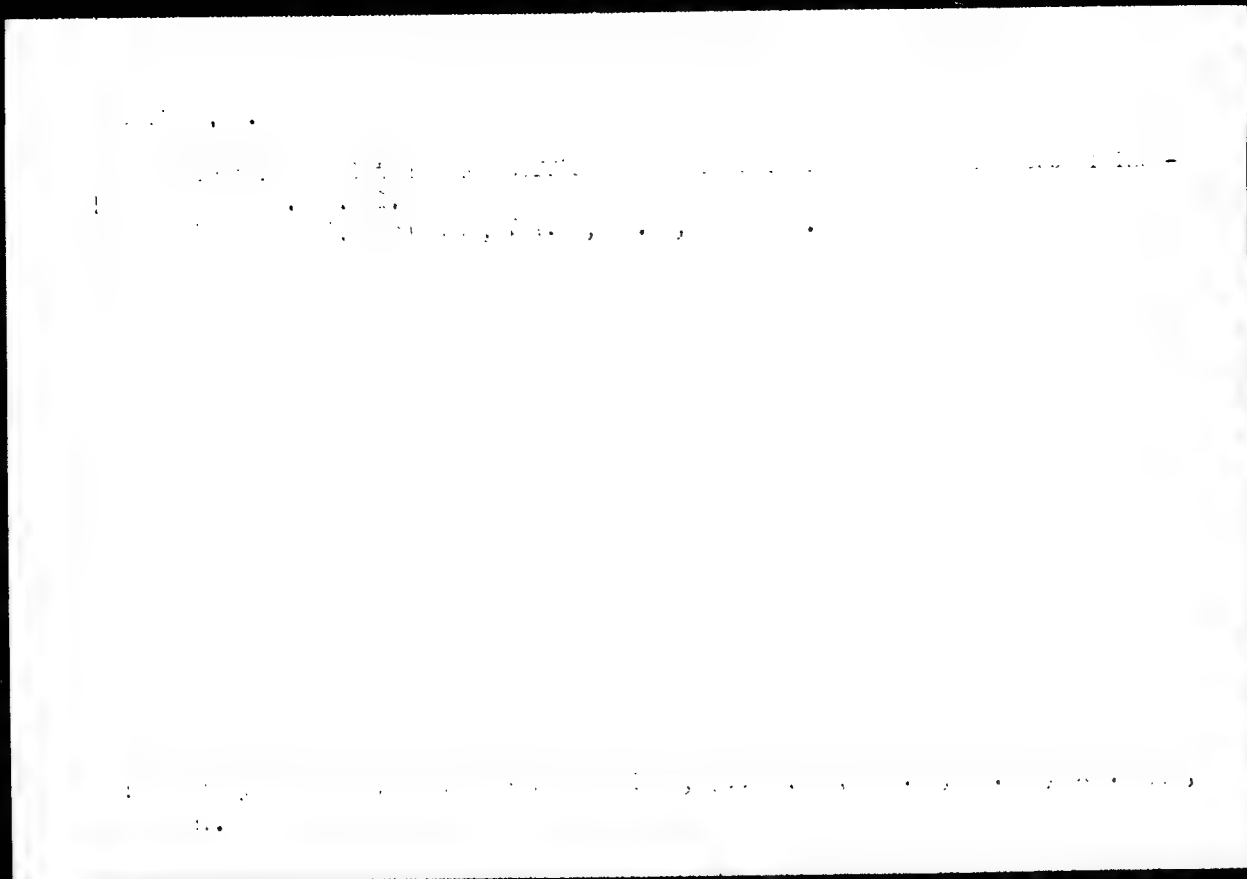
REF ID: A66544

$$= \frac{1}{\Gamma(\alpha)} \int_0^t (t-\tau)^{\alpha-1} d\tau = \frac{1}{\Gamma(\alpha)} \left(\frac{1}{\alpha} t^\alpha - \frac{1}{\alpha+1} t^{\alpha+1} + \frac{1}{\alpha+2} t^{\alpha+2} - \dots + (-1)^n \frac{1}{\alpha+n} t^{\alpha+n} \right) \\ + (-1)^{n+1} \frac{1}{\alpha+n+1} t^{\alpha+n+1}$$
[illegible][illegible]

GIORBARU, Rita; STOIESCU, V.; STEFLEA, D.; CHEORGHICI, P.

On the influence of meprobamate on the protein composition of the brain. Fiziol. norm. pat. 6:559-562 '64

I. Catedra de Farmacologie, Institutul medico-farmaceutic, Bucuresti.



GHEORGHIU, S.

Behavior of different alloys used for the manufacture of electric spotwelding machines. p. 36. METALURGIA SI CONSTRUCTIA DE MASINE. (MINISTERUL INDUSTRIEI METALURGICE SI Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor) Bucuresti.
Vo. 8, No. 4, Apr. 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 11, November, 1956.

GHEORGHIU, S.; ALEXA PETROVANU, M.

Determining the activity of the succinic dehydrogenase by means of phenyl-2-carboxy-4'-phenyl-3-hexyl-5-tetrazolium chloride. p. 283.

STUDII SI CERCETARI STINTIPICE. SHIME. Iasi, Rumania
Vol. 8, no. 2, 1957

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 9, Sept., 1959.

Uncl.

SHTERNBERG, S. [Sternberg, S.]; GEORGIU, Steliana [Oheorghiu, Steliana]

Thermodynamic properties of the mixture $\text{AgCl} + \text{NaCl}$ in dissolved
state. Rev chimie 5 no.1:119-128 '60. (EEAI 10:2)

1. TSentr khimicheskikh issledovaniy Akademii RNR, Bukharest.
(Mixtures) (Silver chloride) (Salt)

et de la Section

"selon les renseignements concernant la division d'information et les renseignements
sur le terrain." une de l'information sur et contre la division d'information.

Georgescu, Serban. On some integrals. Gaz. Mat.
 Fiz. Ser. A. 2 (1957), 70-75. (Romanian);

The integrals $I_n = \int_0^{\infty} \varphi(x) [(\ln x + 2n\pi)^2 + \pi^2]^{-1} dx$ and $J_n = \int_0^{\infty} \varphi(x) [\ln^2 x + (2n+1)^2 \pi^2]^{-1} dx$ are computed by the method of residues. Here $\varphi(x)$ stands for a rational function, regular at the origin and with $\lim_{|z| \rightarrow \infty} |\varphi(z)| = 0$.

E. Grosswald (Philadelphia, Pa.)

2

GHEORGHIOU, S.

Results obtained with the P. M. plow on the experiment grounds of Studina-
Deveselu. P 235

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Rumania
Vol. II, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

BOCHIS, I.; CRETOIU, Gh., candidat in stiinta economice; GHEORGHIU, St.

Development of building in the Six-Year Plan. Probleme econ 14 no.12:
37-51 D '61.

(Romania--Building)

GHEORGHIU, St.

Product quality and social labor economization. Probleme
econ 15 no.8:16-30 Ag '62.

GHEORGHIU, Stefan / prof. ing., laureat al Premiului de Stat

Influence of fuel type on the construction of steam boilers. Pt. I.
Constr. mecat. 15 nr. 2-673-678 O '63.

1. Polytechnic Institute, Bucharest.

GHEORGHIU Stefan, prof. ing., laureat al Premiului de Stat

Influence of fuel on the construction of steam boilers. Pt. 2.
Constr mas 15 no.11/12:727-734 N-D '63.

SAVII, Gh.; NANU, A.; GHEORGHIU, St.; POPOVICI, I.

Studies regarding the influence of the structure of R 1/8 quick splintering steel tools on anode and mechanical sharpening with the 4352 machine. Studii tehn Timisoara 9 no.3/4:309-323 J1-D '62.

NANU, A.; SAVII, Gh.; GHEORGHIU, St.; POPOVICI, I.

Determining the optimum method of anodic and mechanical electroerosive sharpening of the R 18 rapid steel splintering devices, thermally treated on the 4352-type machine. Studii tehn Timisoara 10 no.2: 401-419 J1-D '63.

F

72b. CALCULATION OF BOILER FEED WATER HEATING. Gheorghiu, S. S. (Institutul Institutul National de Cercetari Tehnologice, Rumania, 1948, vol. 3, (3-4), 376-399; abstr. in Engrs' Dig., May 1949, vol. 10, 175). The efficiency of boilers, without necessitating costly installations or greatly complicating the operation of boilers. The gain in thermal efficiency depends on the characteristics of the heating process, that is, the initial steam conditions, the type of heat exchanger employed, the number of heating stages and the extraction points at the turbine. A method of choice of conditions for the feed steam, the total heat gain, the gain in thermal efficiency and the relative heating efficiency (compared to the ideal heater with an infinite number of stages) in terms of the number of stages adopted and the initial steam conditions. Use is made of existing theoretical data, and three steps of approximation are carried out. The final method involves detailed calculations (by means of Mollier diagrams) of only one stage and estimations of the ideal efficiency with an infinite number of feed heating stages.

ASD 34.4 DETAILING LITERATURE CLASSIFICATION

VASILE, Mirza D.; HURDUC, Mircea I.; GHEORGHIU, Tony C.

Division of nerve cells. Cas.lek.cesk 100 no.34:1063-1067 25 Ag '61.

1. Kolektiv pro biomorfologii pobočky Akademie R.L.R., Jassy a katedry histologie Ústavu pro lékařsko-farmaceutickou vyuku, Jassy.

(NEURONS physiol) (CELL DIVISION)

VOLOSIEVICI-MIRZA, Lucia; BALAN, Marioara; DIMITRIU, Carmen; GHEORGHIU,
Teny; BARBARASA, Cecilia.

Types of nervous system in rats. Stud. cercot. neurol. 10 no.1:
23-35 F'65.

GHEORGHIU, Theodor, Dr.

~~Normal and pathological metabolism of iron, copper and cobalt. Med. int.,~~
Bucur. 10 no.3:335-349 Mar 58.

1. Clinica I medicala, Spitalul Colentina (Director: acad. N. Gh. Iupu).
 (IRON, metabolism
 requirements, absorp., regulation & disord.)
 (COPPER, metabolism
 same)
 (COBALT, metabolism
 distribution & relation to erythrocyte & hemoglobin form.)

GHEORGHIU, Th.

Clinical and biological aspects of iron and copper metabolism disorders.
Med. int., Bucur. 10 no.4:507-520 Apr 58.

1. Clinica I medicala, Spitalul "Colentina". Director: acad. N. Gh. Iupu.
 (IRON, metabolism
 disord., clin. & biol. aspects)
 (COPPER, metabolism
 disord., clin. & Biol. aspects)

approx. 1.

Description of a tubular microfermentor. 1959.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly List of East European Accessions. (CEA). Vol. 1, no. 1, Sept. 1959.
Incl.

GHEORGHIU, T.; ERUPESCU, A.; DOXA, N.

Contributions to the selection of antibiotic producers. p. 25.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 1, no. 2, Feb. 1959.

Monthly List of East European Accessions. (CAI, L. Vol. 1, no. 3, ^{Sept.} 1959.
Uncl.

George H. +

RECEIVED

PAUL, R., MD; PORTER, I. Dr., MD; CHEN, H. H., M.D.

Institute of Internal Medicine of the University of Chicago
(Instituto de Medicina Interna de la Universidad de Chicago)
Director: Academician M. Ch. Hsu. - (for all)

Department, Internal Medicine, No 6, 15 N. E. 62, pp 3-2-2 6.

"Respiratory and Digestive Allergy."

(3)

MARCUS, N.; FAUN, R.; GHEORGHIU, T.; CIOBANU, Florina

Investigations of the functional state of the exocrine pancreas
in post-viral chronic hepatitis. Stud cercet med intern 4 no.3:
317-325 '63.

(HEPATITIS) (GASTROENTEROLOGY) (PANCREATIC JUICE)
(AMYLASE) (LIPASE) (TRYPSIN)

PAUN, R.; POPESCU, I.Gr.; GHEORGHIU, T.; OLARU, Cornelia;
BADANOIU, A.; MOLNER, C.; in colaborare cu: NICULESCU, M.;
POP, R.; POPESCU, I.

Research on hypersensitivity to streptomycin in auxiliary health
personnel in a tuberculosis hospital. Stud. cercet. med. intern.
4 no.4:503-513 '63.

1. Spitalul Balotesti. (for I. Popescu).
(STREPTOMYCIN TOXICOLOGY)
(ANTITUBERCULAR AGENTS)
(DRUG ALLERGY) (TUBERCULIN REACTION)
(TUBERCULOSIS)

MARCUS, N.; GHEORGHIU, T.; VLADescu, C.

Research on glucurono-conjugation in normal subjects and in
chronic liver diseases. Stud. cercet. med. intern. 4 no.4:
525-528 '63.

(LIVER DISEASES) (LIVER FUNCTION TESTS)
(GLUCURONATES) (URINE)

PAUN, R.; POPESCU, I. Cr.; GHEORGHIU, T.; ZAMFIRESCU-GHEORGHIU, ~~Marcela~~; MAXIMILIAN
Stefania; OLARI, Cornelia; GEORGESCU, Carmen; VLADESCU, C.;
DALBON, I.

Research on occupational allergy to library dust. Stud. cercet.
med. intern. 5 no.1:45-53 '64.

GHEORGHIU, T.

A simple method and a calculation scale for the statistical
determination of the titers of serial solutions (from 2 to 2)
Stud. cercet. med. intern. 5 no.1:83-85 '64

POFESCU, I.G., FAHN, P., MOLNER, C.; CLABU, Corina A. MICHIGAN, I.,
ICM, '64.

Contribution to the study of tobacco allergy. Stud. cercet.
red. intern. 5 no.4:379-387 '64.

UNGURYANU, Ye., prof. [Ungureanu, Er.]; TEODORESCU, E. [Teodorescu, A.];
GEORGHIEU, T. [Gheorghiu, T.]

Observations on the sensitivity of *Culex pipiens molestus* to
DDT in the Rumanian People's Republic. Med.paraz. i paraz.bol.
33 no.3:338-342 My-Je '64. (MIRA 18:2)

1. Institut gigiyeny i narodnogo zdravookhraneniya (dir. - doktor
Ye. Unguryanu, [Ungureanu, Er.]) Yassy, Rumynskaya Narodnaya
Respublika.

ACCESSION NR: APL038913

R/0003/64/015/004/0218/0219

AUTHOR: Gheorghiu, Tr.; Serban, D.; Vlad, T.; Licaret, C.

TITLE: Decontamination of objects and surfaces contaminated with radioactive substances. II. Experimental part

SOURCE: Revista de chimie, v. 15, no. 4, 1964, 218-219

TOPIC TAGS: Decontamination of object, surface decontamination, radioactive isotope, ^{32}P , ^{51}Cr , ^{60}Co , ^{65}Zn , ^{75}Se , ^{90}Sr , ^{95}Zr , ^{110}Ag , ^{124}Sb , ^{131}I , ^{147}Pm , decontaminant solution, water, ethanol, HCl, citric acid, sodium citrate, ammonium citrate, acetic acid, ligroin, EDTA, H sub 3 PO sub 4, HNO sub 3, H sub 2 SO sub 4, Na sub 3 PO sub 4, K sub 2 Cr sub 2 O sub 7

ABSTRACT: The following materials have been contaminated with 1cm^3 of radioactive solution of 5 to 10 microcurie/ cm^3 and dried in sunlight: glass, tin cans, aluminum foil, iron plates, linoleum, unplasticized polyvinylchloride. 11 radioactive isotopes have been used in different water soluble salts: ^{32}P (Na_2HPO_4), ^{51}Cr ($\text{Cr}(\text{NO}_3)_3$), ^{60}Co ($\text{Co}(\text{NO}_3)_3$), ^{65}Zn (ZnCl_2), ^{75}Se ($\text{Se}(\text{NO}_3)_2$), ^{90}Sr ($\text{Sr}(\text{NO}_3)_2$),

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ACCESSION NR: APL038913

^{95}Zr ($\text{Zr}(\text{C}_2\text{O}_4)_2$), ^{110}Ag (AgNO_3), ^{124}Sb (SbCl_5), ^{131}I (NaI), ^{147}Pm ($\text{Pm}(\text{NO}_3)_3$). The decontamination has been carried out immediately after drying or 2h, 48, 120 and 360 hours after contamination, by washing and wiping with different reagents (water, ethanol, HCl (3, 10 and 15%), citric acid (2 and 5%), sodium citrate (2 and 5%), ammonium citrate (2 and 5%), H_3PO_4 (1%), CH_3COOH (10%), HNO_3 (3%), H_2SO_4 (1%), ligroin, Na_3PO_4 (1%), citazol (0.5%), EDTA (0.5%), $\text{K}_2\text{Cr}_2\text{O}_7$ (5%), Na_2CO_3 (5%)). The remaining radioactivity has been measured with a TISS radiometer at 5cm. distance from the sample. The results are presented in six ternary diagrams. Original article has two tables and six figures which are included in the abstract.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 09Jun64

ENCL: 10

SUB CODE: GC

NO REF SOV: 000

OTHER: 000

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ACCESSION NR: APL038913

ENCL: 01

Table 1.

Radioactive Isotopes Used For Contamination

Symbol	Isotope	Chemical Compound
A	^{32}P	Na_2HPO_4
B	^{51}Cr	$\text{Cr}(\text{NO}_3)_3$
C	^{60}Co	$\text{Co}(\text{NO}_3)_2$
D	^{65}Zn	ZnCl_2
E	^{75}Se	$\text{Se}(\text{NO}_3)_2$
F	^{90}Sr	$\text{Sr}(\text{NO}_3)_2$

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ENCL: 02

G	^{95}Zr	$\text{Zr}(\text{C}_2\text{O}_4)_2$
H	^{110}Ag	AgNO_3
I	^{124}Sb	SbCl_5
J	^{131}I	NaI
K	^{147}Pm	$\text{Pm}(\text{NO}_3)_3$

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ENCL: 03

Table 2.

Reagents Used For Decontamination

Symbol	Decontaminating Solution
1	Water
2	Ethanol
3	3% HCl
4	10% HCl
5	15% HCl
6	Citric acid - 2%
7	Citric acid - 5%
8	Na citrate 2%
9	Na citrate 5%
10	NH ₄ citrate 2%
11	NH ₄ citrate 5%
12	H ₃ PO ₄

Card 5/12

ACCESSION NR: APL038913

ENCL: 04

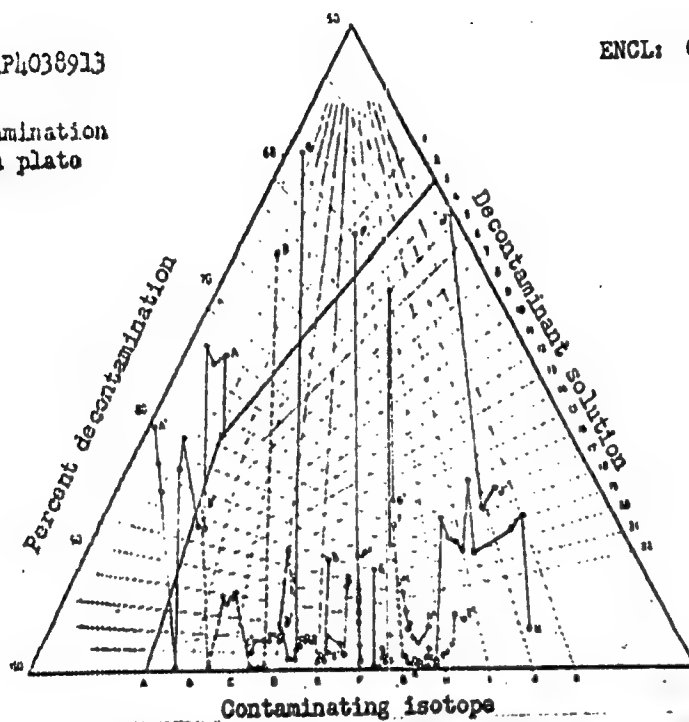
13	CH ₃ COOH
14	HNO ₃
15	H ₂ SO ₄
16	HCl 3% plus Na citrate 2%
17	Ligroin
18	Na ₃ PO ₄
19	Citazol
20	EDTA
21	K ₂ Cr ₂ O ₇
22	Na ₂ CO ₃

Card 6/12

ACCESSION NR: AP4038913

ENCL: 05

Fig. 1. Decontamination
of iron plate

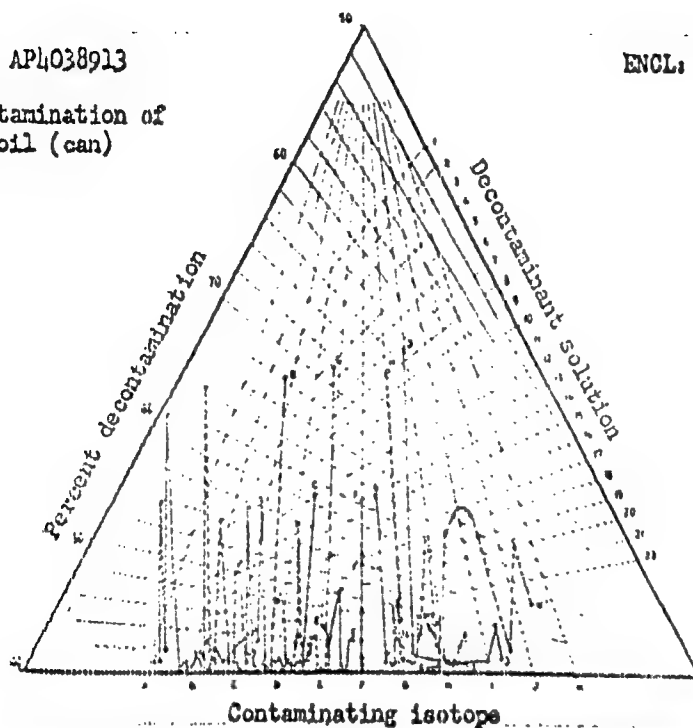


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ENCL: 06

Fig. 4. Decontamination of
tin foil (can)

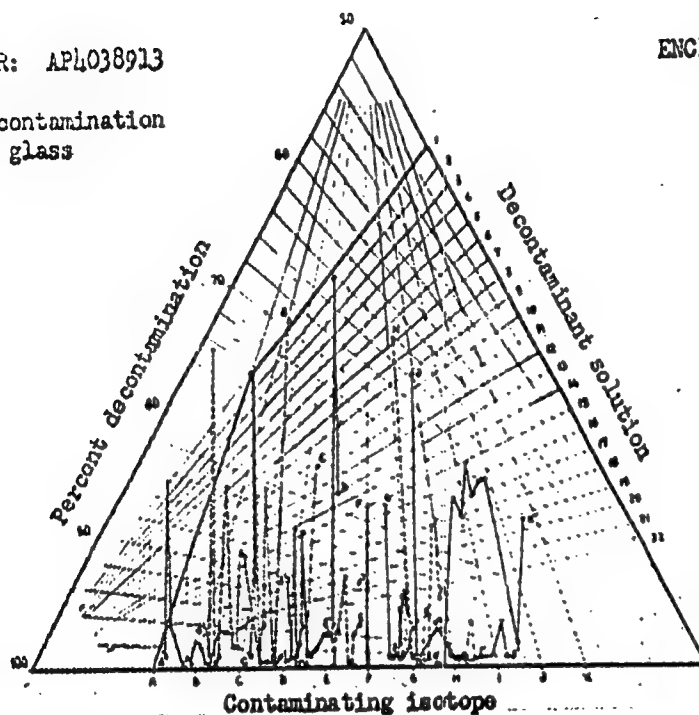


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ACCESSION NR: APL038913

ENCL: 07

Fig. 3. Decontamination
of glass

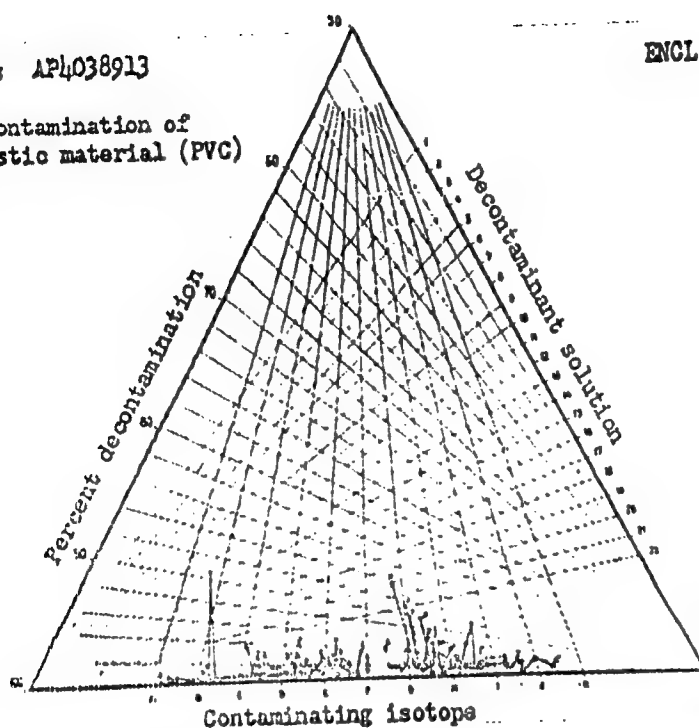


Card 9/12

ACCESSION NR: AP4038913

ENCL: 08

Fig. 6. Decontamination of plastic material (PVC)

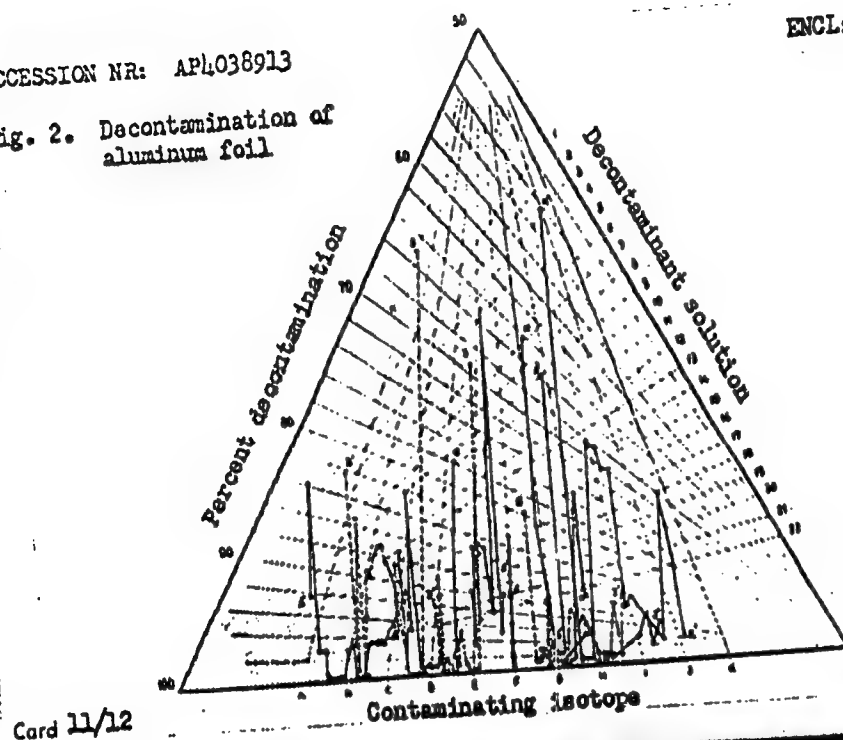


Card 10/12

ACCESSION NR: AP4038913

ENCL: 09

Fig. 2. Decontamination of
aluminum foil

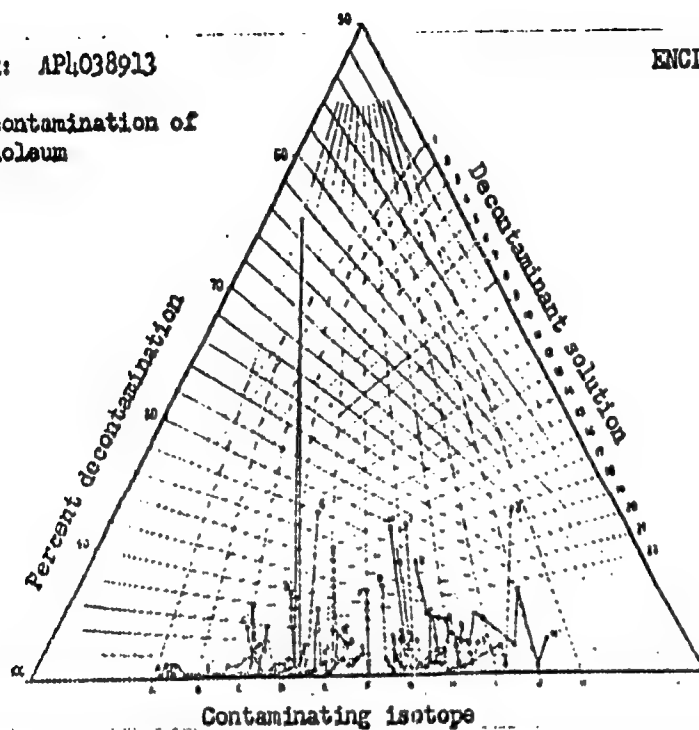


Card 11/12

ACCESSION NR: APL038913

ENCL: 10

Fig. 5. Decontamination of
linoleum



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1987, ... 1987, ... 1987, ... 1987, ... 1987, ...

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1987, ... 1987, ... 1987, ... 1987, ... 1987, ...

GHEORGHIU, T.

"Brief view of some works on electricity in Rumania and their connection with similar research in the USSR", P. 157. "Issued by the Rumanian Society of Mathematics and Physics, Monthly". (GACETA MATEMATICA SI FIZICA, SERIA A. Vol. 6, no. 8/9, Aug. / Sept. 1954. Bucuresti, Rumania.)

SO: Monthly Bulletin of Eastern European Association, (EEAE), 12, Vol. 4, no. 5, May, 1956.

GHEORGHIU, T., AND OTHERS.

Contributions to the study of silicon semiconductors; preliminary note.
p. 1257. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti.
Vol. 5, no. 6, June 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol.
5, no. 9, Sept. 1955

RUMANIA/Electricity - Semiconductors

G-3

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18276

Author : Gheorghiu Traian D.

Inst : ~~Not~~ Given

Title : Report on the Leningrad Conference on Semiconductors

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Abstract : See also Referat Zhur Fizika, 1958, No 1, 1314

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